

## **I. AMENDMENTS**

### **Amendments to the Claims:**

The following listing of claims replaces all prior versions and listings of claims in the application:

1-99. (Canceled)

Please cancel claims 100 and 101 without prejudice.

100 -101. (Canceled)

102 -126. (Canceled)

127. (Currently amended) A preparation comprising protein molecules, said preparation including heparanase (endo- $\beta$ -D-glucuronidase) protein, said heparanase protein having heparanase catalytic activity or being cleavable so as to acquire said heparanase catalytic activity. The preparation of claim 100, wherein said heparanase protein comprises SEQ ID NO: 10, provided that said amino acid sequence has a phenylalanine residue instead of a tyrosine residue at position 246, and wherein said preparation is pure enough to elicit anti-heparanase antibodies.

128. (Previously presented) A preparation comprising a heparanase protein, wherein said heparanase protein comprises amino acid residues 500 to 543 of SEQ ID NO: 10, and wherein said preparation is pure enough to elicit anti-heparanase antibodies, wherein said amino acid sequence has a phenylalanine residue at position 246.

129. (Previously presented) A heparanase protein comprising SEQ ID NO: 10, provided that said amino acid sequence has a phenylalanine residue instead of a tyrosine residue at position 246.

130 to 133. (canceled)